

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

**Base Year Modification Request Certification**

**Part 1: Generation Study - No Extrapolation Diversion Data**

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

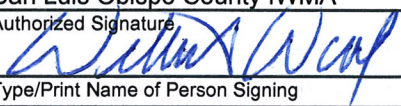
**California Integrated Waste Management Board  
Office of Local Assistance  
1001 I Street, (MS-25)  
PO Box 4025  
Sacramento, CA 95812-4025**

**General Instructions:**

Please select the **ONE** choice below that best explains your request to the Board.

- ☐ 1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
- ☒ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

Section I: Jurisdiction Information and Certification			
<i>All respondents must complete this section.</i>			
I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:			
Jurisdiction Name <b>San Luis Obispo County IWMA</b>		County <b>San Luis Obispo</b>	
Authorized Signature 		Title <b>Manager</b>	
Type/Print Name of Person Signing <b>William Worrell</b>		Date <b>5-Oct-04</b>	Phone ( ) Include Area Code <b>(805) 782-8530</b>
Person Completing This Form (please print or type) <b>William Worrell</b>		Title <b>Manager</b>	
Affiliation:		<b>San Luis Obispo County Integrated Waste Management Authority</b>	
Mailing Address <b>870 Osos St</b>		City <b>San Luis Obispo</b>	State <b>CA</b>
		ZIP Code <b>93401</b>	
E-Mail Address <b><a href="mailto:bworrell@iwma.com">bworrell@iwma.com</a></b>			

<b>Section II: Information for New Generation-Based Study for Existing or New Base Year</b> <b>Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").</b> <i>Note: New base years must be representative of a jurisdiction's disposal and diversion.</i>	
<b>1. Current Board-approved existing base year:</b> <b>1998 except for the city of El Paso De Robles which has a 2000 base year</b>	<b>2. Proposed new generation-based study year:</b> <b>2003</b>
<b>3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:</b>  The 1998 approved base year study for the SLO County IWMA was conducted before the City of el Paso de Robles was a member of the jurisdiction. Now that el Paso de Robles has joined the SLO County IWMA the new base year study will be representative of San Luis Obispo County as a single jurisdiction.	

<b>4. Enter diversion rate information below.</b>			
<b>Diversion rate calculated using existing base year</b>	<b>a. 51 %</b>	<b>Diversion rate calculated using new generation-based study</b>	<b>b. 63 %</b>
<b>For existing base year pounds/person/day based on generation</b>	<b>10.2</b>	<b>For new generation based study pounds/person/day based on generation</b>	<b>16.5</b>
<b>Residential generation 46 %</b>	<b>Non-Residential generation 54 %</b>	<b>Residential generation 27% %</b>	<b>Non-Residential generation 73% %</b>
239,100		<b>Population new generation-based study</b> 255,400	
<b>5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics).</b> Since 1998 numerous new diversion programs have been implemented. These programs have focused on all segments of the waste stream, including construction and demolition waste and self haul waste. With this new base year, The IWMA now includes all jurisdictions located within San Luis Obispo County. Per capita waste generation has increased and this is due primarily to increased construction and demolition waste which is generated independently of population and is not accurately reflected in the adjustment method factors.			
<b>6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)</b> New and/or upgraded programs have been implemented to address the three major sources of waste, residential/commercial waste, construction and demolition waste and self haul waste. Since 1998 all residential/commercial curbside collection programs have been upgraded to include weekly collection of commingled recyclables in waste wheelers. The associated greenwaste curbside programs have also been upgraded to weekly collection in waste wheelers. The attached charts show the resulting improvements. The construction and demolition program has also been improved with the implementation of mandatory recycling ordinances in three cities. This has resulted in the construction of new C&D waste recycling facilities. Finally the Cold Canyon Landfill has also built a resource recovery park to recycle self haul waste.			

<b>7. Disposal Tonnage (enter values):</b>	130939	153712	284651
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

☒ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at [www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc](http://www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc))

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at [www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc](http://www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc))

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. **Note:** *The Board expects the jurisdictions to be able to provide all back-up documentation, if requested.* Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids [e.g., concrete, asphalt, dirt,] white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

\*Please provide detailed Non-Residential waste information in Section 9.

**Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.**

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm">www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm</a>	(A)	(A/Total Generation)			
<b>Residential Source Reduction Activities</b>					
Backyard composting	0	0.0%	Greenwaste, Food Waste	1998 CIWMB approved base year study	No credit taken for this material
Grasscycling	0	0.0%	Greenwaste	1998 CIWMB approved base year study	No credit taken for this material
<b>Other Residential Source Reduction (list each program separately)</b>					
Garage Sales	1365	0.2%	Household Goods	1998 CIWMB approved base year study	Telephone surveys and Site Visits
Thrift Stores Goodwill	1200	0.2%	Household Goods/Furniture/Clothes	Estimated Weights from Generator	Telephone surveys and Site Visits
		0.0%			
		0.0%			
		0.0%			
<b>Subtotal, Residential Source Reduction</b>	<b>2565</b>	<b>0.3%</b>			
<b>Residential Recycling Activities</b>					
Curbside Recycling	30770	4.0%	Curbside Materials	N/A	Weight tickets from received weights at Processing facility
Buyback Centers	1909	0.2%	CRV Materials	N/A	Dept of Conservation
Drop-off Centers					

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm">www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm</a>	(A)	(A/Total Generation)			
<b>Other Residential Recycling (list each program separately)</b>					
Public Drop Off Cold Canyon Landfill	1278	0.2%	Recyclables, wood, metals, Inerts	N/A	Weight ticket summaries from Cold Canyon Landfill
<b>Subtotal, Residential Recycling</b>	<b>33957</b>	<b>4.4%</b>			
<b>Residential Composting Activities</b>					
<b>Green Waste Drop-off</b>	0	0.0%			
<b>Curbside Green Waste</b>	34702	4.5%	Curbside Collection	N/A	Weight tickets from received weights at green waste facility
<b>Christmas Tree Program</b>	0	0.0%			Included in curbside greenwaste collection
<b>Other Residential Composting (list each program separately)</b>					
Alpha Produce	450	0.1%	Greenwaste processing	Telephone survey	Weight estimation from Owner/Operator
<b>Subtotal, Residential Composting</b>	<b>35152</b>	<b>4.6%</b>			
<b>Subtotal, Residential Diversion</b>	<b>71674</b>	<b>9.3%</b>			
<b>Non-Residential Source Reduction Activities:</b>					
<b>Non-Residential Waste Audits*</b>			See Section 9	See Section 9	See Section 9
<b>Other Non-Residential Source Reduction (list each program separately)</b>					
Grasscycling	18767	2.4%	State and Local agencies, Golf Courses	CIWMB conversion factors	CIWMB reports and Telephone Surveys
Reuse State Agencies	776	0.1%	State Agencies	CIWMB Reports	CIWMB Reports
<b>Subtotal, Non-Residential Source Reduction</b>	<b>19543</b>	<b>2.5%</b>			

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm">www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm</a>	(A)	(A/Total Generation)			
<b>Recycling</b>					
<b>Non-Residential Waste Audits*</b>			See Section 9	See Section 9	See Section 9
<b>Other Non-Residential Recycling (list each program separately)</b>					
Paper Recycling	8945	1.2%	Local Printng Companies	Weight Ticket Summaries	Telephne Audits
Rendering	750	0.1%	Used oils and Fats	Actual weight tickets	Telephone Audit and Site Visits
<b>Subtotal Non-Residential Recycling</b>	<b>9695</b>	<b>1.3%</b>			
<b>Non-Residential Composting Activities</b>					
<b>Non-Residential Waste Audits*</b>			See Section 9	See Section 9	See Section 9
<b>Other Non-Residential Composting (list each program separately)</b>					
Wood Waste	161624	21.0%	Wood Waste	CIWMB conversion factors	Site Visit/CIWMB Reports
Wineries and Breweries	7400	1.0%	Grape Must/Spent Grains	Actual weight tickets/Operators Estimates	Site Visits
Agriculture Composting	6813	0.9%	Grape Must, Vegetable Waste, Nursery Waste	Weight Tickets/Operators Estimates	Site Visits
On site Composting Operations	4555	0.6%	Green Waste Composting	Weight Ticket Summaries	Site Visit/CIWMB Reports
Grocery Stores	1279	0.2%	Food Waste Composting	Weight Ticket Summaries	Operators Reports
<b>Subtotal Non-Residential Composting</b>	<b>181671</b>	<b>23.6%</b>			
<b>Subtotal Non-Residential Diversion</b>	<b>210909</b>	<b>27.4%</b>			
<b>Residential/Non- Residential Diversion Activities</b>					
<b>ADC</b>					
	2640	0.3%	Tires	Actual tonnage	Weight ticket summaries from Chicago Grade Landfill
<b>Sludge</b>	6988	0.9%	Bio Solids	Volume calculations	Weight ticket summaries from facilities
<b>Scrap Metal</b>	11972	1.6%	Ferrous and Non Ferrous metal dealers	Steel Institue	Telephone surveys and Site Visits
<b>Construction and Demolition</b>					
	181093	23.5%	C&D facilities, Roll off operators, Grinding Operations	actual tonnage	Actual weight tickets and site surveys
<b>Landfill Salvage</b>	0	0.0%			
<b>Subtotal Residential/ Non-Residential Diversion</b>	<b>202693</b>	<b>26.3%</b>			
<b>Total Res/Non-Res Source Reduction Tons</b>	<b>22108</b>	<b>2.9%</b>			
<b>Total Diversion Tons</b>	<b>485276</b>	<b>63.0%</b>			
<b>Total Disposal Tons from Sec.7</b>	<b>284651</b>	<b>37.0%</b>			
<b>Total Generation Tons (Div+Dis)</b>	<b>769927</b>				
<b>Diversion Rate</b>	<b>63%</b>				

### 9. Specific Non-Residential Sector Waste Audits--Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

**(Table will perform all addition calculations).**

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities Include Material Type (e.g., paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other ____
Development project	81	Wood Waste			156000	156000	20.3%	O
C & D recycler	19	Inerts Recycling		44088		44088	5.7%	P
MRF	56	Curbside Processing		26903		26903	3.5%	O
C & D recycler	30	Inerts Recycling		26864		26864	3.5%	P
C & D recycler	21	Inerts Recycling		26000		26000	3.4%	P
Landfill	56	Compost			22500	22500	2.9%	O
C & D recycler	22	Inerts Recycling		15000		15000	1.9%	P
C & D recycler	18	Inerts Recycling		10000		10000	1.3%	P
C & D recycler	25	C & D recycling		8775		8775	1.1%	P
C & D recycler	27	Inerts Recycling		7602		7602	1.0%	p
<b>Totals</b>				<b>165232</b>	<b>178500</b>	<b>343732</b>	<b>44.6%</b>	

Also provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business).

See attached report from RAA and Associates.

**10.** For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concrete, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:

**a.** If the diversion program started on or after January 1, 1990, complete the following table.

**Note:** *program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept.").*

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Inert Solids ▼			
Inert Solids ▼			
Scrap Metal ▼			
White Goods ▼			
Pull Down for Waste Types ▼			
Agricultural Waste ▼			

**b.** If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. **Note:** this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

**Note:** *If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.*

Instead please provide date of Board approval of previously submitted information. \_\_\_\_\_ (Date)

If documentation is not available, go to 10d.

**c.** If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		

**d.** If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. **Note:** *Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.*

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				